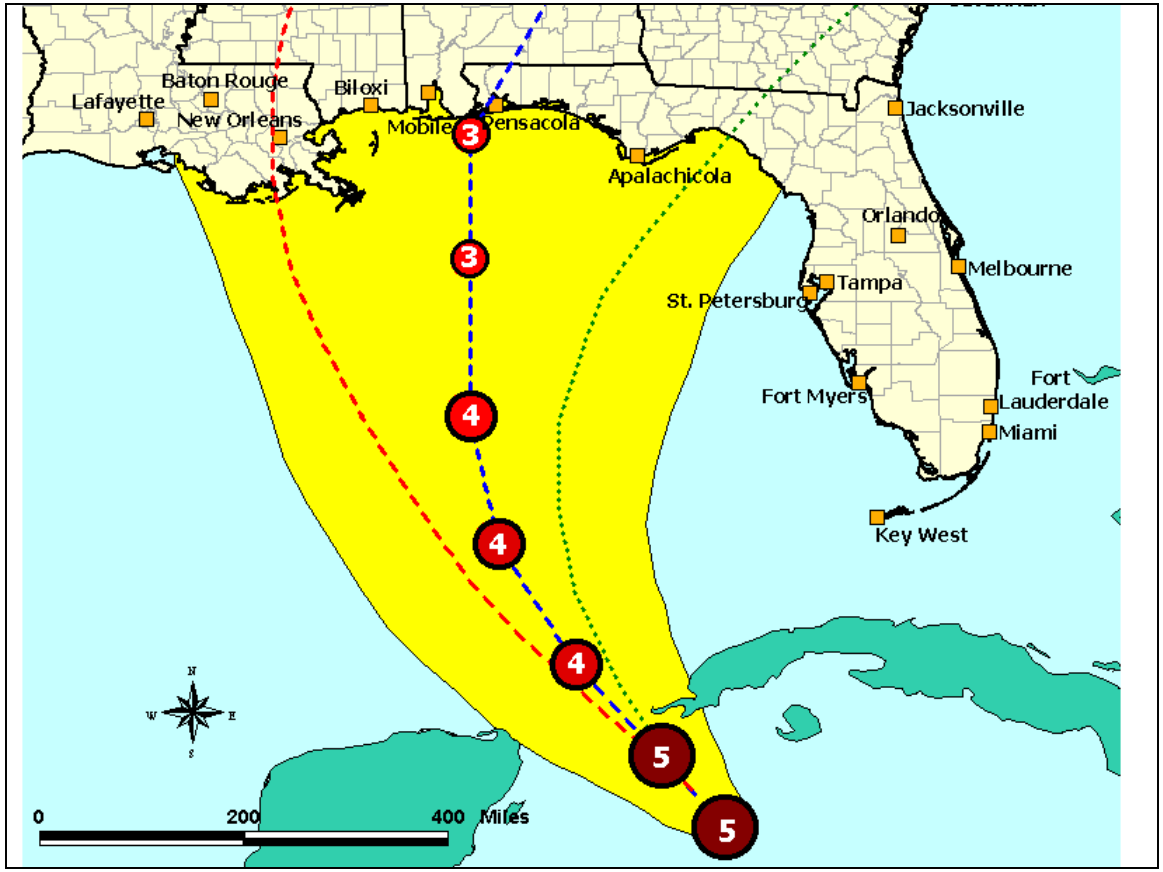
Hurricane Ivan Composite Model Results

Landfall Expected Within *3* Days

For Official Use Only!



Information provided on the following pages display the most probable hurricane track based on information from the National Hurricane Center (NHC) and **2** alternate scenarios. A change either east or west of the NHC forecast will cause different amounts of damage within the zone of probable landfall. These projections are based on information from the NHC (0500 – 09/13/2004) forecast.

Details about this model may be obtained at **https://englink.usace.army.mil** or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Ivan Composite

Sources:
HURREVAC
LRL-DEBRIS

CELRL-OP GIS Group

Generated By:
Terry Siemsen

Generated Date:
0630 EDT
09/13/2004

Hurricane Ivan Model Results

Landfall Expected Within *3* Days

Values Provided For Planning Purposes

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Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up
(Number of Trucks Each Commodity and Lanes Anticipated - end of each day)

	Debris (cu yds)	Day One (25%)*	Day Two (50%)*	Day Three (100%)*	Commodity Trucks Day 1-3 Total	Within Hurricane Force Winds Population	Households
NHC Forecast Track							
Florida	11,700,000	49	49	49	147	610,000	235,000
Alabama	1,500,000	9	18	36	63	450,000	175,000
Total	**13,200,000**	**58**	**67**	**85**	**210**	**1,060,000**	**410,000**
Maximum Damage Track							
Louisiana	13,000,000	28	56	113	197	1,410,000	530,000
Mississippi	150,000	7	14	5	26	57,000	20,000
Total	**13,150,000**	**35**	**70**	**117**	**223**	**1,467,000**	**550,000**
Minimum Damage Track							
Florida	2,100,000	37	37	37	111	460,000	175,000
Georgia	900,000	6	11	22	39	275,000	100,000
Total	**3,000,000**	**43**	**48**	**59**	**149**	**735,000**	**275,000**

Key assumption is that establishment of distribution lanes will be the limiting factor.

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

Information provided on the following pages display the **most probable hurricane track** based on information from the National Hurricane Center (NHC) and alternate **worst-case possible scenarios for each state** in the NHC error cone. These projections are based on information from the NHC (0500 – 09/13/2004) forecast.

Details about this model may be obtained at https://englink.usace.army.mil or contact ENGLink at 1-877-936-4546

US Army Corps of Engineers

Hurricane Ivan 3-Day Model

Generated By: Terry Siemsen
Generated Date:

Sources:
HURREVAC
LRL-DEBRIS